

Title (en)

SOUND PROCESSING METHOD, SOUND PROCESSOR, AND RECORDING/REPRODUCTION DEVICE

Title (de)

TONVERARBEITUNGSVERFAHREN, TONPROZESSOR UND AUFZEICHNUNGS-/WIEDERGABEVORRICHTUNG

Title (fr)

PROCEDE DE TRAITEMENT DE SONS, PROCESSEUR DE SONS, ET DISPOSITIF D'ENREGISTREMENT/DE REPRODUCTION

Publication

EP 0939401 B1 20061122 (EN)

Application

EP 98940646 A 19980901

Priority

- JP 9803889 W 19980901
- JP 24922097 A 19970912

Abstract (en)

[origin: EP0939401A1] When having reproduced an audio signal at a speed different from that at the time of recording, by, while matching the sampling frequency f_i (Hz) used when performing A/D conversion with the sampling frequency f_o (Hz) used when performing D/A conversion by the use of the sampling frequency conversion part (4), dividing the audio data into block units each having a prescribed time width and if necessary performing interpolation or thinning thereof according to the changeable speed ratio r of the VTR changeable speed reproduction part (2) and the attribute of the sound, a high quality of sound with no change being made in the pitch thereof is output while synchronizing the presented timing of the sound with a video signal that has been changeable-speed reproduced by the VTR changeable speed reproduction part (2). <IMAGE>

IPC 8 full level

G11B 20/10 (2006.01); **G10L 21/047** (2013.01); **G10L 21/049** (2013.01); **G10L 25/00** (2013.01); **G10L 25/06** (2013.01); **G11B 27/00** (2006.01); **H03M 1/00** (2006.01)

CPC (source: EP KR US)

G11B 20/10 (2013.01 - KR); **G11B 20/10527** (2013.01 - EP US); **G11B 27/005** (2013.01 - EP US); **G11B 2220/90** (2013.01 - EP US)

Cited by

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EP 0939401 A1 19990901; **EP 0939401 A4 20000719**; **EP 0939401 B1 20061122**; CA 2271463 A1 19990325; CA 2271463 C 20020115; CN 1125459 C 20031022; CN 1239571 A 19991222; DE 69836472 D1 20070104; DE 69836472 T2 20070315; DK 0939401 T3 20070402; JP 3073942 B2 20000807; JP H1186448 A 19990330; KR 100303913 B1 20010929; KR 20000068955 A 20001125; NO 324336 B1 20070924; NO 992283 D0 19990511; NO 992283 L 19990614; US 6360198 B1 20020319; WO 9914751 A1 19990325

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